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From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
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Info-Hams Digest                      Sat, 8 Oct 94                      Volume 94 : Issue 1105

Today's Topics:

IPS Daily Report - 07 October 94

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We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Fri, 7 Oct 1994 23:46:54 GMT  
From: rwc@flare.syd.ips.oz.au (Regional Warning Centre)  
Subject: IPS Daily Report - 07 October 94

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 07/2330Z OCTOBER 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 07 OCTOBER AND FORECAST FOR 08 OCTOBER - 10 OCTOBER  
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1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 06 Oct

Daily Proton Fluence >1 MeV: 1.6E+07

Daily Proton Fluence >10 MeV: 1.3E+04

Daily Electron Fluence >2 MeV: 6.5E+08 (high)

X-ray background: A5.7

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

# 1B. SOLAR FORECAST

	08 Oct	09 Oct	10 Oct
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 08 Oct: 85/27

# 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: active

Estimated Indices :	A	K	Observed A Index	06 Oct
Learmonth	22	3432 5443		
Fredericksburg	23		23	
Planetary	23		32	

Observed Kp for 06 Oct: 4555 4434

# 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
08 Oct	16	Unsettled
09 Oct	14	Unsettled
10 Oct	10	Quiet to unsettled

COMMENT: Active periods possible during local night as coronal hole induced activity declines.

# 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
07 Oct	normal	fair-normal	poor-normal

PCA Event : None.

# 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
08 Oct	normal	fair	poor
09 Oct	normal	normal	fair
10 Oct	normal	normal	fair

# 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
07 Oct	-30	about 30% below predicted monthly values

Predicted Monthly T-index for October: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE T-index MUFs

08 Oct 20 Near predicted monthly values

09 Oct 20 Near predicted monthly values

10 Oct 20 Near predicted monthly values

COMMENT: Ionospheric conditions appear to have recovered, at both Sydney and Townsville. A general improvement in HF conditions should be experienced today.

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